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OCT 25 2004

42P10601

Patent

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Nikonov et al.

Serial No. 09/982,227

Filed: October 17, 2001

For: AN INTEGRATED OPTICAL CIRCUIT  
HAVING AN INTEGRATED ARRAYED  
WAVEGUIDE GRATING (AWG) AND  
OPTICAL AMPLIFIER(S)

Examiner: Wong, Eric K.

Art Unit: 2883

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**RESPONSE AND AMENDMENT UNDER 37 C.F.R. §§ 1.116 AND 1.121**

Sir:

In response to the Final Office Action mailed August 25, 2004, the Applicants submit the following Amendment and Remarks. Claim Amendments begin on page 2 of this paper. The Remarks begin on page 5 of this paper. Applicants respectfully request that the Examiner reconsider the application

It is not believed that extensions of time are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. §1.136(a). Any fees required therefore are hereby authorized to be charged to Deposit Account No. 02-2666. Please credit any overpayment to the same deposit account.

Kindly enter the following Amendments and consider the following Remarks.

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